## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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PLEASE NOTE: YOUMUST COMPLETE THE FOLLOWING:

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor. I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:						
Insert Title:	Manufacture of Optical Fiber and Optical Fiber Tape						
Fill in Appropriate Information — For Use	the specification of which is attached						
Without	the specification was filed onUnited States Application Number				:		
Specification	and amended on		(if applic	able); and/o	r		
Attached:	the specification was filed on as PCT						
	International Application Number			; and wa	S		
	amended under PCT Article 19 on (if applicable)						
	amended by any amendment referred	l to above.	s of the above identified specification,				
	§1.56.		patentability as defined in Title 37, Coo				
	thereof, or patented or described in ar to this application, that the same wa application, that the invention has r application in any country foreign to	by printed publication in any count is not in public use or on sale in not been patented or made the su the United States of America on	sed in the United States of America be try before my or our invention thereof or the United States of America more the object of an inventor's certificate issue an application filed by me or my legal	r more than one nan one year pried before the da representatives of	year prior for to this ate of this or assigns		
			tion, and that no application for patent of America prior to this application by me				
	I hereby claim foreign priority b	d have also identified below any	tes Code, §119 (a)-(d) of any foreign a foreign application for patent or inver				
	Prior Foreign Application(	s)		Priority (	Claimed		
insert Priority	2000-212798	Japan	07/13/2000	X.			
if appropriate)	(Number)	(Country)	(Month / Day / Year Filed)	Yes	No		
				_ 📮			
	(Number)	(Country)	(Month / Day / Year Filed)	Yes	No		
	(Number)	(Country)	(Month / Day / Year Filed)	- 📙 Yes	□ No		
	ζ ,	(=====,	(,	П	П		
	(Number)	(Country)	(Month / Day / Year Filed)	Yes	No		
Insert Provisional	I hereby claim the benefit under Title	35, United States Code, §119(e)	of any United States provisional applic	ation(s) listed b	elow.		
Application(s): → (if any)	(Application Number)			(Filing Date)			
	(Application Number) (Filing Date)						
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:						
Insert Requested Information:  (if appropriate)	Country Application Number Date of Filing (Mor				/ / Year)		
Insert Prior U.S.	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:						
Application(s):  (if any)	(Application Number)	(Filing Date)	(Status — paten	ted, pending, abandone	;d)		
	(Application Number)	(Filing Date)	(Status — paten	(Status — patented, pending, abandoned)			

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I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19.382)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*		
Insert Name of  Inventor	Nobuo	KAWADA	nobro	Kawa	da	July 2, 2001		
Insert Date This Document is Signed	Residence (City, State & Cou	ntry)			CITIZENSHIP			
Insert Residence  Insert Citizenship	Annaka-shi,	Gunma-ken, Japa	ń. · · · ·		Japane	ese		
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Full Name of Second Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	2 .		DATE* July 2,		
	Toshio	OHBA	100 hio	Ohba		2001		
	Residence (City, State & Cou	ntry)			CITIZENSHIP			
	Annaka-shi,	Annaka-shi, Gunma-ken, Japan			Japanese			
	•	nplete Street Address including City, S						
	c/o Advanced Functional Materials Research Center, Shin-Etsu Chemical Co.,Ltd., 2-13-1, Isobe, Annaka-shi, Gunma-ken, Japan							
			<u>·</u>	ken, Japan	1			
Full Name of Third Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*		
		<u> </u>	_		<u></u>			
	Residence (City, State & Cou	ntry)			CITIZENSHIP			
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)							
Full Name of Fourth Inventor, if any see above	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	<del></del>		DATE*		
	l							
	Residence (City, State & Cou	ntry)			CITIZENSHIP			
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)							
	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	<del></del>		DATE*		
Full Name of Fith Inventor, if any see abuse	GIVEN NAME	TORRET MAINE	INVENTION O GIGNATOTIE			J. C.		
	Residence (City, State & Cou	intry)			CITIZENSHIP			
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	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)							
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Page 2 of 2 (Revised 11-98)	* DATE OF SIGNATURE							